

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) Apparatus for manufacturing a double-sided microlens, comprising:
a first mold base and a second mold base, ~~said first mold base having a first alignment member for cooperating with correspondingly aligned apertures in said second mold base, and wherein each of said first mold base and said second mold base has a pair of juxtaposed mold cavities for receiving a molten plastic or a plastic preform in a fixed relationship, wherein each one of said juxtaposed mold cavities contains at least one microlens mold having a size of about 10 microns to about 25 10 microns to 25 mm in diameter and a sag of about 2 microns to 12.5 mm 2 microns to 12.5 mm~~ in a substrate configured to receive said at least one microlens mold in a precise ~~relations~~ relation to another of said at least one microlens mold; ~~and, a set and a set~~ of alignment features for aligning ~~with said~~ said pair of juxtaposed mold cavities containing said ~~solid plastic material and wherein said molten plastic or plastic preform; said set of alignment features including~~ comprises comprising a pair of spaced guide pins for engaging a pair of corresponding spaced apertures formed in said second mold base, and ~~wherein said~~ a second alignment member ~~comprises~~ comprising a pair of spaced locating bushings tapered for lengthwise engagement with a pair of corresponding spaced tapered apertures in said second mold base; and,
a molding assemblage having a first platen and an opposing second platen, said first platen supporting said first mold base and said second platen supporting said second mold base for molding a double-sided microlens in said microlens molds.

2 - 3 (canceled).

4. (Original) The apparatus recited in claim 1 wherein said molding assemblage is an injection molding assemblage.

5. (Original) The apparatus recited in claim 1 wherein said molding assemblage is a compression molding assemblage.

6. (currently amended) The apparatus recited in claim 1 wherein each one of said pair of juxtaposed mold cavities is polygonally polygonally shaped.

7 - 13 (cancelled).